

**Attachment #1 - New Jersey Examination Content Outline for Electrical Contractor
T2805 - Examinations Services for State Boards (Trades)
Bid Solicitation # 21DPP00597**

ELECTRICAL CONTRACTOR LICENSURE EXAMINATION

ELECTRICAL CONTRACTOR EXAMINATION

Scope – An Electrical Contractor may engage in the business of contracting to install, erect, repair or alter electrical equipment for the generation, transmission or utilization of electrical energy.

# of Questions	% Required to Pass	Total Time Allowed
100	70% (70 correct)	*260 Minutes
Subject Area		# Test Items
General Electrical Knowledge		10
Raceways and Enclosures		10
Services, Feeders, and Branch Circuits		10
Overcurrent Protection		5
Conductors and Cables		9
Grounding and Bonding		16
Equipment for General Use		9
Special Occupancies		5
Special Equipment and Conditions		5
Motors and Controls		12
Low Voltage and Communications Circuits		6
Safety		3

BUSINESS AND LAW EXAMINATION

# of Questions	% Required to Pass	Total Time Allowed
50	70% (35 correct)	130 Minutes

CONTENT OUTLINE

Subject Area	# Test Items
Business Organization	2
Licensing	5
Estimating and Bidding	7
Contract Management	8
Project Management	5
Risk Management	4
Safety	4
Labor Law	4
Financial Management	5
Tax Law	3
Lien Law	3

ALARM SYSTEMS CONTRACTOR EXAMINATION

Scope – An Alarm Systems Contractor may contract to install, repair, maintain, place, and connect equipment and wiring for fire detection and alarm and intrusion alarm systems. Connection to the power source shall be by cord and plug only, to receptacles installed by the holder of the appropriate license.

# of Questions	% Required to Pass	Total Time Allowed
50	70% (35 correct)	165 Minutes

CONTENT OUTLINE

Subject Area	# Test Items
General Electrical Knowledge	5

Application of Fire Alarm Systems	12
Application of Intrusion and Security Systems	12
Installation Requirements	12
Wiring Methods and Materials	6
Special Occupancies and Conditions	3